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DATA IMPORTATION AND EXPORTATION FOR COMPUTING Page 1 of 8 **DEVICES**



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DATA IMPORTATION AND EXPORTATION SYSTEM 12~ **SOURCE SYSTEM** 15~ 14~ **EXPORT APPLICATION** 13~ 17 19 18~ 16~ **Processor Export Export** Manager Agent Interface 21 Memory 22~ 20~ **Export Data** Source File Database 24 **NETWORK** 26-**TARGET SYSTEM** 22~ **Export Data** File 21-23~ 15-Processor **IMPORT APPLICATION** 25 27 26-24-28~ Import Manager Target Database **Import** Agent Interface

FIG. 1

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Memory

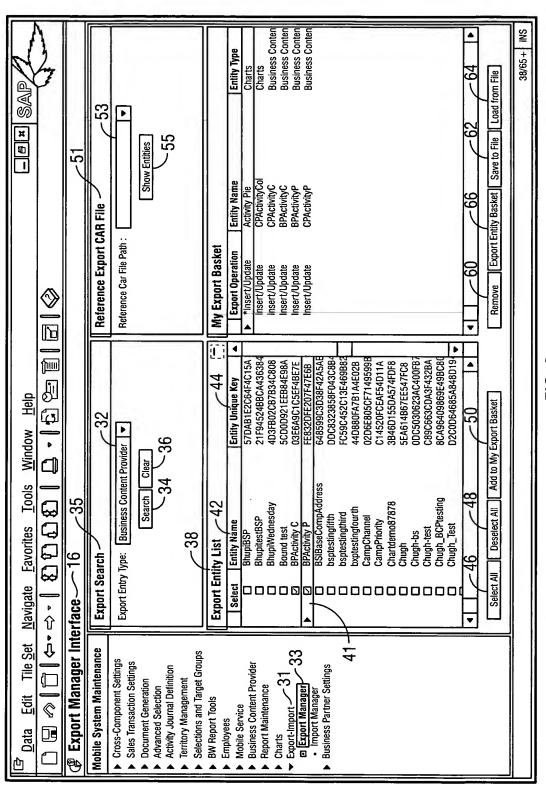


FIG. 2

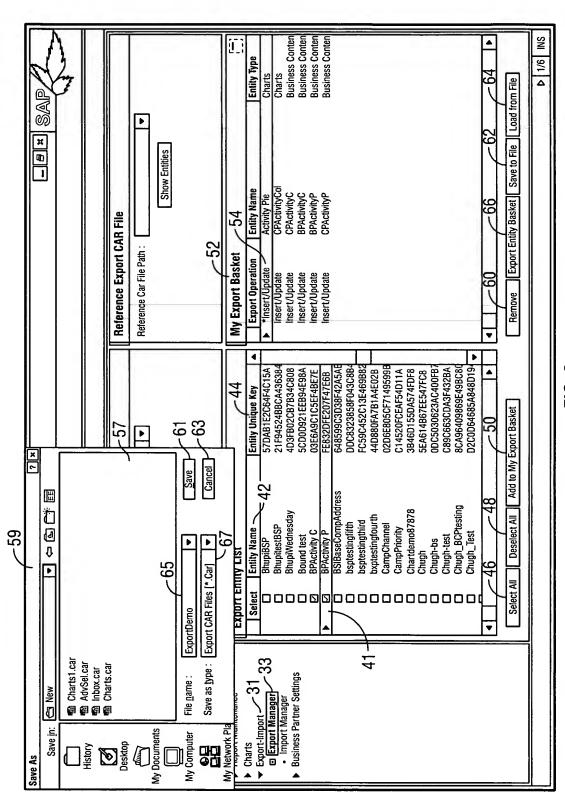


FIG. 3

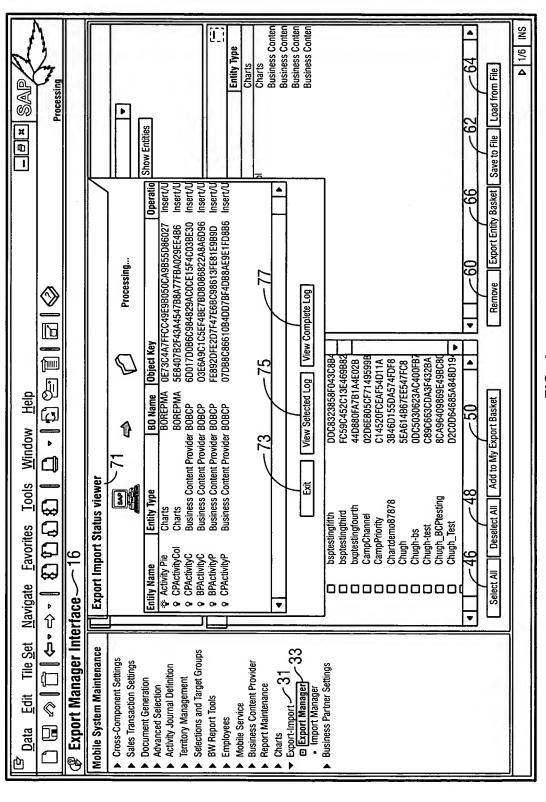


FIG. 4

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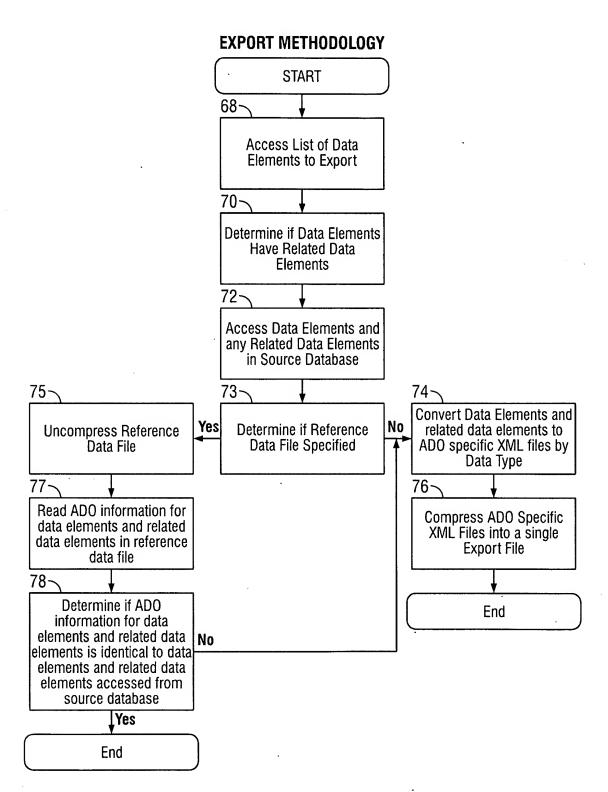


FIG. 5

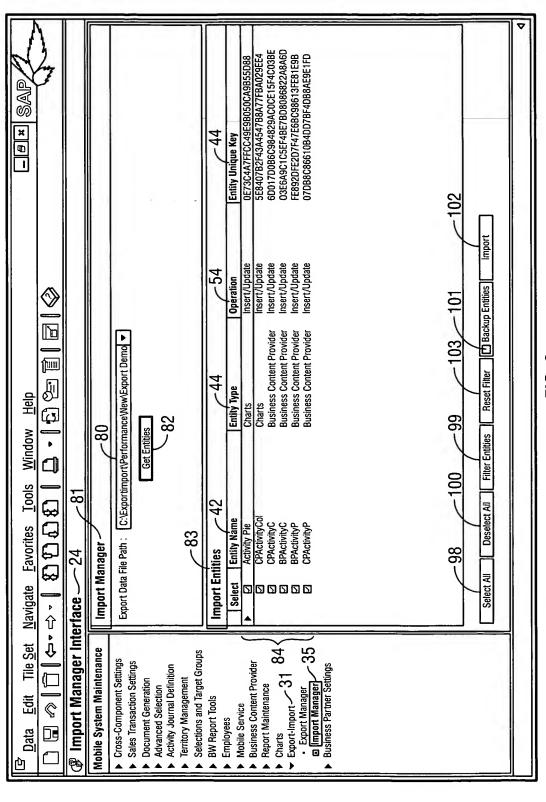
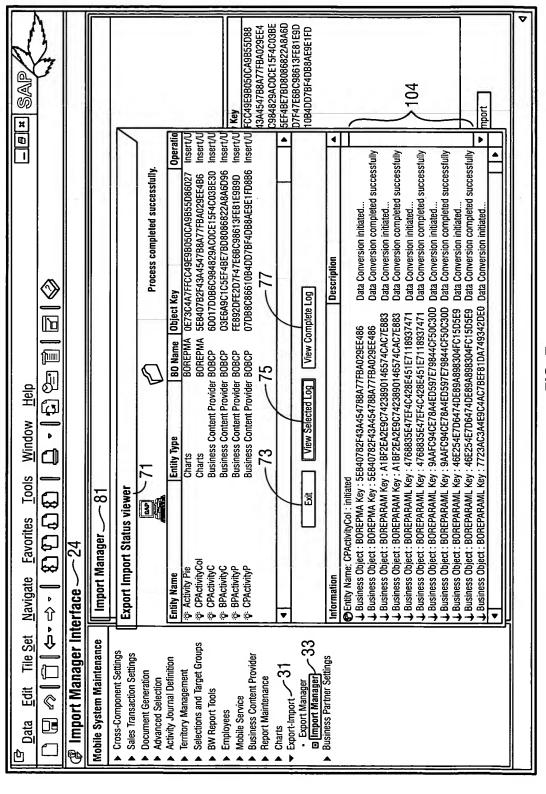


FIG. 6

DATA IMPORTATION AND EXPORTATION FOR COMPUTING

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Appln No.: 10/699,170 Page 8 of 8 Applicant(s): Ankur Bhatt and Raghunandan Sarangarajan DATA IMPORTATION AND EXPORTATION FOR COMPUTING **DEVICES** ----8/8 IMPORT METHODOLOGY **START** -110 Uncompress XML Files Stored in **Export Data File** -112 For Each Selected Data Item, Read Corresponding XML File -114 Convert Corresponding XML File Entry to ADO Record Set -116 Convert ADO Recordset to a Data Item 123--118 -119 Determine Copy Original Data No Yes Whether Data Determine Import Item in Target Item exists in Setting = Delete Database to **Target Database Archive File** 126~ -121 -122 No Yes v Determine Copy Original **Delete Original** Whether Data Data Item in Data Intern in Item exists in **Target Database** Target Database Target Database to Archive File -128 -124 **Update Original** Insert Data Item Data Item in in Target Target Database Database with Data Item -130 **Generate Status** Information

End

FIG. 8